

CLAIMS:

1. A mounting structure for a storage battery device installed in a vehicle, characterized in that:

the vehicle has a frame that extends in a longitudinal direction of the vehicle;

the frame has a deformable portion that deforms in an up-down direction by a load in the longitudinal direction of the vehicle; and

the mounting structure comprises a fixing member that fixes the storage battery device to the frame so that the storage battery device moves relatively to the deformable portion when the deformable portion deforms.

2. The mounting structure according to claim 1, wherein the deformable portion is a kick-up portion formed by bending the frame upward, and

wherein the fixing member is a member that fixes the storage battery device to an upper surface of the kick-up portion of the frame.

3. The mounting structure according to claim 2, wherein the fixing member fixes the storage battery device to the upper surface of the kick-up portion of the frame at a portion forward of a rearward end of the storage battery device.

4. The mounting structure according to claim 2 or 3, wherein the mounting structure further comprises means for fixing a forward portion of the storage battery device to a forward portion of the kick-up portion, and

wherein the fixing member is a member that fixes a rearward portion of the storage battery device to a rearward portion of the kick-up portion.

5. The mounting structure according to any one of claims 1 to 4, wherein two of said frame are provided so as to be in side portions of the vehicle,

wherein the fixing member comprises a bridge portion that connects the two frames in a transverse direction of the vehicle, and

wherein the storage battery device is fixed to the frames via the bridge portion.

6. The mounting structure according to claim 5, wherein the fixing member fixes the

storage battery device to the frames, in a rearward portion of the vehicle, and
wherein the bridge portion is provided rearward of the storage battery device.

7. The mounting structure according to claim 6, wherein the bridge portion is disposed at a position that is above a vertical position of a bottom surface of the storage battery device and is below a vertical position of an upper surface of the storage battery device.

8. The mounting structure according to any one of claims 1 to 7, wherein the storage battery device is disposed within a trunk compartment of the vehicle.

9. A mounting structure for a storage battery device installed in a vehicle, comprising a fixing member that fixes a rearward portion of the storage battery device to the vehicle, wherein the fixing member includes an inclined portion that is inclined forwardly upward.

10. The mounting structure according to claim 9, wherein the vehicle has a frame that extends in a longitudinal direction of the vehicle,

wherein two of the frame are provided so as to be in side portions of the vehicle, wherein the fixing member fixes the storage battery device to a rearward portion of the vehicle,

wherein the fixing member comprises a bridge portion that connects the two frames in a transverse direction of the vehicle, and

wherein the bridge portion is provided rearward of the storage battery device.

11. The mounting structure according to claim 10, wherein the bridge portion is disposed at a position that is above a vertical position of a bottom surface of the storage battery device and is below a vertical position of an upper surface of the storage battery device.

12. The mounting structure according to any one of claims 9 to 11, wherein the storage battery device is disposed within a trunk compartment of the vehicle.